

Whitley and Monkseaton
Urban District Council.

Annual Report

For the Year 1906,

OF

J. P. SPARKS, M.D.,

MEDICAL OFFICER OF HEALTH.

AND

J. W. HARPER, Inspector of Nuisances.

FEBRUARY 1907.

Whitley Bay:

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WHITLEY,

FEB. 8th, 1906.

TO THE CHAIRMAN AND MEMBERS OF THE
WHITLEY AND MONKSEATON URBAN
DISTRICT COUNCIL.

GENTLEMEN,

I beg to present to you the Annual Report on the health of the district during the year 1906. The general death-rate for the year is 9·45 as compared with 9·08 the rate for 1905 and 10·67 the average for the preceding ten years. The zymotic death-rate is ·71 per 1000 as compared with ·5 in 1905. The infant mortality rate is 76·99 per 1000 births registered as against 78·95 in 1905, and the phthisis death-rate is ·79 as compared with ·66 in 1905.

It will thus be seen that there has been an increase in all these rates except the infant mortality which is slightly less than in 1905.

Population of the District.—It is somewhat difficult to estimate the population in a rapidly growing district such as this and therefore in order to obtain as accurate an estimate as possible and also to apportion the population amongst the various wards a census of the houses in the district was taken with the following results.

Number of houses in the district ready for occupation	2734
Number of houses inhabited	2621

and of the latter the numbers in each ward were

St. Mary's Ward	1023	Rockcliff Ward	653
Marden Ward	603	Monkseaton ,,	342

From these data the population was estimated to be 12,700, distributed as follows :

St. Mary's Ward	5,000	Rockcliff Ward	3,050
Marden Ward	3,000	Monkseaton Ward	1,650

Improvements and additions to the district: For the following information I am indebted to the Surveyor, Mr. Moore.

New Sewers	... ..	$\frac{1}{2}$ -mile, 14 yards.
New Drains	... ..	2 ,, 213 ,,
Buildings erected (where Habitation Order is granted)		
Houses	... ..	130
Shops	... ..	18
Hunger and Slaughter Houses		8
Temporary School	... ..	1

Mortality Statistics: The total number of deaths registered during the year was 120. Three deaths occurred in the Convalescent Home and have been deducted, and three deaths occurred in public institutions in Tynemouth Borough of persons belonging to this district and have been added, leaving the total number unchanged. Of these deaths 44 occurred in persons who were upwards of 65 years of age. 89 years was the greatest age at death registered.

Infant Mortality.—16 deaths occurred in children under 1 year of age giving a mortality of 76·99 per 1000 births registered and a general death-rate of 1·26 per 1000 of population. The rates in 1905 were 78·25 and 1·5 respectively.

The 16 deaths were due to the following causes: diarrhoea 3, enteritis 2, premature birth 3, atrophy 3, tubercular peritonitis 2, convulsions 1, bronchitis 2.

It is gratifying to note that the infant mortality keeps far below the general average of an urban district.

Zymotic Death Rate.—9 deaths were due to zymotic diseases as compared with 6 in 1905. The 9 deaths were due to diphtheria 3, diarrhoea 4, and enteritis 2. The zymotic death-rate is ·71 per 1000 of population as compared with ·5 in 1905. The rise in the zymotic death-rate was due to the abnormally hot weather experienced in the summer which caused an epidemic of diarrhoeal diseases.

Deaths from General Diseases.—10 deaths were due to phthisis as compared with 8 in 1905. The phthisis death-rate is ·79 per 1000 of population. Two of the deaths from phthisis were of non-residents but as they did not occur in public institutions I have not been able to deduct them.

Other tubercular diseases caused 5 deaths as against 8 in 1905. The total number of deaths from tuberculosis was 15 as compared with 16 in 1905. Pneumonia caused 5 deaths and bronchitis 7. Cancer caused 7 deaths, and heart disease 24 deaths. 5 inquests were held during the year, one on the body of a male child aged 5 months who died from syncope the result of acute gastritis, one on the body of a male aged 42 years who died from syncope induced by acute alcoholic poisoning, one on the body of a female child aged $4\frac{1}{2}$ months who died suddenly from convulsions, one on the body of a male aged 43 years who committed suicide by laying himself down in front of an electric train and one on the body of a male aged 34 years who died from syncope induced by alcoholism.

I give a table at the end of the report shewing the birth, death and infant mortality rates and also the incidence of infectious diseases in each ward of the district.

Births.—208 births (105 boys and 103 girls) were registered during the year giving a birth-rate of 16·38 per 1000 as compared with 19 in 1905. Five of the births were illegitimate. This is the lowest birth-rate that has been recorded in this district.

Infectious Diseases.—63 cases were reported during the year; 24 of diphtheria, 5 of erysipelas, 14 of scarlet-fever, 2 of enteric fever and 18 of chicken pox. Table III shews the number of cases occurring in each locality.

Diphtheria.—Cases occurred in January, February, March, April and May. The district was then free until September when one case occurred. In November and December several cases occurred and what threatened to be an epidemic was arrested by removing 4 cases to the Earsdon Isolation Hospital. I have found the bacteriological examinations conducted by the Bacteriologist to the County Council of the greatest service in dealing with the disease, by the aid of these examinations a doubtful diagnosis has been in many cases cleared up.

Enteric Fever.—2 cases occurred. In neither could the origin of the disease be traced.

Dairies, Cowsheds and Milkshops.—There are 35 purveyors of milk on the register; 15 cowkeepers and 20 milk-sellers. The premises of the purveyors of milk have been regularly inspected and found to be in fairly good order. I find it quite impossible to induce many of the milk-sellers to keep the vessels in which the milk is exposed for sale, covered.

Slaughter-houses.—The new abattoir at Hill Heads was opened in May and is now used by all the butchers of the district except Mr. Clementson. The opening of the new abattoir has been of great advantage to the district from a sanitary point of view. I hope some means may be found to induce Mr. Clementson to join the other butchers in the use of the abattoir.

Factories and Workshops.—There are now 51 on the register.

Bakers	11	Glazier	1
Milliners	4	Cabinetmaker	1
Printer	1	Plumbers	5
Bootmakers	3	Upholsterer	1
Saddler	1	Tailors	2
Blacksmiths	2	Hosiers	2
Dressmakers	8	Laundry	1
Joiners	8		

There are no underground bakehouses. No notices have been served. These have been visited during the year. No defects were found. There are no outworkers. No offensive trade is carried on in the district.

Water Supply.—During the year there has been an abundant supply of water. Complaints were received in the summer of the color of the water.

Improvements.—The new abattoir is now in working order. A large number of defective house drains in the older portion of the district have been put in proper order.

Improvements.—A steam disinfecter is urgently needed. In the near future the provision of a destructor must engage your attention.

It is becoming increasingly difficult to find a suitable tip on which to deposit the refuse of the district. I consider that the present tip which is in use at Hill Heads for the deposit of shop-refuse is too close to the public road and constitutes a very real nuisance and I hope that the chimney at Hill Heads will soon be in working order so that we may be able to deal with the shop refuse, some of which is of a highly offensive nature.

The sewer on the boundary line between our district and Tynemouth Borough, from Marden to the sewer at Cullercoats is urgently needed and will shortly be commenced.

The removal of refuse is still in the hands of contractors. This work would be more efficiently carried out by the Council.

The reservoir at Marden should be closed. In my opinion it would aid in the bettering of the sanitary condition of the district if the roads on which there is much traffic were paved with impervious material and were cleansed by means of water and not by dry sweeping. These remarks apply specially to the lower end of Whitley Road which has been in a bad condition for some years with the result that it is muddy in winter and dusty in summer.

The road in front of Windsor Crescent should be made, not only for aesthetic but also for sanitary reasons, as in its present state it is not conducive to the health or comfort of dwellers in that region.

The footpath running from Grafton Road to Cullercoats between Margaret Road and Windsor Crescent should be put into a state of repair; at present in wet weather it is a muddy swamp. The footpath between the lower end of Whitley Road and Lish Avenue should also be made passable in wet weather.

Several complaints were made during the year of the smells arising from the ventilating gratings over the sewer along the sea front; it would be an improvement if these gratings were abolished and the sewer ventilated entirely by means of up cast shafts.

I am indebted to the Sanitary Inspector Mr. Harper, for his able and zealous assistance during the year.

I am,

Your obedient servant,

J. P. SPARKS, M.D.

Medical Officer of Health.

Statistics for the Wards.

Name of Ward.	Birth-rate per 1000 of population	Death-rate per 1000 of population	Infant Mortality per 1000 births registered.	Incidence of Infectious diseases per 1000 of population.
St. Mary's Ward.	16	8.4	112.5	4
Marden Ward.	17	9.33	58.8	2.66
Rockcliffe Ward.	15.1	11.49	87	8.2
Monkseaton Ward.	20	9.7	32.26	6

Table I.—Vital Statistics of Whole District during 1906 and previous years.
Whitley and Monkseaton Urban District.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		Total deaths registered in the district.				Total Deaths in Public Institu- tions in the District.	Deaths of Non- residents registered in Public Institu- tions in the District	Deaths of residents registered in Public Institu- tions beyond the District	Net deaths at all ages belonging to the District.		
		Number	Rate#	Under 1 year of age.	At all Ages.		Number.				Rate#		
					Number	Rate per 1000 Births registered						Number	Rate#
I	2	3	4	5	6	7	8	9	10	11	12	13	
1896	No Information												
1897	5755	98	17			59	10.25				95	10.25	
1898	No Information												
1899	No Information												
1900	9165		16.47	26	150	108	13.5				108	10.36	
1901	8000	173	21.62	19	85	97	10.78				97	13.5	
1902	9000	200	22.22	24	112.15	98	9.8				98	10.78	
1903	10000	214	21.4	28	137.25	130	10.94				130	9.3	
1904	11808	204	17.17	18	78.95	105	8.75	1	1	5	109	10.94	
1905	12000	228	19									9.08	
Averages for years 1896-1905	9390	186	19.24	23	112.67	99.5	10.67				100	10.67	
1906	12700	208	16.38	16	76.99	120	9.45	3	3	3	120	9.45	

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.
Area of District in acres (exclusive of area covered by water) 1540
Total population at all ages.....7,705 } At Census of 1901
Number of Inhabited Houses.....1,550 }
Average number of persons per house.....4.98 }
Institutions within the District receiving sick and infirm persons from outside the District.---The Prudhoe Memorial Convalescent Home.
Institutions outside the District receiving sick and infirm persons from the District.---Tynemouth Union Infirmary and Tynemouth Jubilee Infirmary
Is the Union Workhouse within the District? No!

Table II'—Vital Statistics of separate Localities in 1906 and previous years.

Name of District: **Whitley and Monkseaton Urban.**

Names of Localities.	1. St. Mary's Ward				2. Marden Ward.				3. Rockcliffe Ward				4 Monkseaton Ward			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year	Population esti- mated to middle of each year.	Births registered	Deaths at all Ages	Deaths under 1 year	Population esti- mated to middle of each year	Births registered	Deaths at all Ages	Deaths under 1 year	Population esti- mated to middle of each year	Births registered	Deaths at all Ages	Deaths under 1 year
1896	a.	b.	c.	d.	a	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.
1897																
1898																
1899																
1900																
1901																
1902																
1903																
1904																
1905																
Averages of Years 1896 to 1905.																
1906	5000	80	42	9	3000	51	28	3	3050	46	35	4	1650	31	15	1
...																

Table III.
Cases of Infectious Diseases notified during the
Year, 1906.

Whitley and Monkseaton Urban District,

Notifiable Disease	Cases notified in whole district.						Total cases notified in each locality				No of cases removed 'o Hospital from each locality				
	At all Ages.	At Ages†—Years.					1 St Mary's Ward	2 Mar-den Ward	3 Rock-cliffe Ward.	4 Monk-seaton Ward.	1 St Mary's Ward	2 Mar-den Ward.	3 Rock-cliffe Ward.	4 Monk-seaton Ward	
		Under 1	1 to 5	5 to 16	16 to 25	25 to 65									65 and upwds
Small-pox	...														
Cholera	...														
Diphtheria	...		6	15	1	2	8	3	9	4					
Membranous Croup	24														
Erysipelas	5						2		3	2		1			
Scarlet fever	14			11	3	5	7		5						
Typhus fever	...														
Enteric fever	2					2		2							
Relapsing fever	...														
Continued fever	...														
Puerperal fever	...														
Plague	...														
Chicken-pox	18		2	8	8		3	3	8	4					
Totals	...		8	34	12	9	20	8	25	10	2	1	4		

Isolation Hospitals.—Earsdon and Scaffold Hill. [Small-pox]

Table IV.

**Causes of, and Ages at Death during
Year, 1906.**

Whitley and Monkseaton Urban District.

Causes of Death I	Deaths in or belonging to whole district at subjoined ages.							Total Deaths whether of Residents or Non-Residents in Public Institutions in the District.
	All Ages. 2	Under 1 year 3	1 and under 5 4	5 and under 15 5	15 and under 25 9	25 and under 65 7	65 and upwards. 8	
Diphtheria and membranous croup ...	3		2	1				
Croup ...								
Epidemic influenza ...	2					1	1	
Diarrhoea ...	4	4						
Enteritis ...	2	1					1	
Other septic diseases	2		1			1		
Phthisis (Pulmonary Tuberculosis) ...	10			1	2	7		
Other Tubercular diseases ...	5	2		1	1	1		
Cancer. malignant disease ...	7					5	2	
Bronchitis ...	7	2	1			2	2	1
Pneumonia ...	5					4	1	
Alcoholism, Cirrhosis of liver ...	2					2		
Premature birth ...	3	3						
Heart diseases ...	24					13	11	2
Accidents ...	1						1	
Suicides ...	1					1		
All other causes ...	42	4	1	1	2	9	25	
All causes ...	120	16	5	4	5	46	44	3

Table V. Whitley & Monkseaton Urban District**INFANTILE MORALITY DURING THE YEAR 1906.**

Deaths from stated Causes in Weeks and Months under 1 Year of Age.

CAUSE OF DEATH.																		
ALL CAUSES } Certified .. Uncertified ..	16	Under 1 week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under one year
i. Common Infectious Diseases	{ Small-pox .. Chicken-pox .. Measles .. Scarlet Fever .. Diphtheria: Croup .. Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ii. Diarrhoeal Diseases (See Notes to Tables IV.)	{ Diarrhoea, all forms Enteritis, Musco-enteritis, Gastro-enteritis Gastritis, Gastro-intestinal Catarrh	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
iii. Wasting Diseases.	{ Premature Birth .. Congenital Defects (See notes to Table IV.) Injury at Birth Want of Breast Milk Starvation Atrophy, Debility, Masmarus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
iv. Tuberculosis Diseases.	{ Tuberculosis Meningitis (See notes to Table IV.) Tuberculosis Peritonitis Tuberculous Mesenterica Other Tuberculous Diseases [See notes to Table IV.]	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
v. Other Causes.	{ Erysipelas Syphilis .. Rickets .. Meningitis not Tuberculous Convulsions .. Bronchitis .. Laryngitis .. Pneumonia .. Suffocation, overlying Other Causes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		3	2	5	2	2	1	2	1	1	1	3	1	1				16

District (or sub-division) of Whitley and Monkseaton

Population

Estimated to middle of 1906, 12,700.

Births in the year { Legitimate 203.
Illegitimate 5.Deaths in the year { Legitimate Infants 15.
Illegitimate Infants 1.

Deaths from all Causes at all Ages 120.

Annual Report of the Medical Officer of Health for the year 1907 for the Urban District of Whitley & Monkseaton on the administration of the Factory and Workshop Act, 1901 in connection with **Factories, Workshops, Laundries, Workplaces, and Homework.**

I.—INSPECTION

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections	Written Notices,	Prosecutions
Factories (including Factory Laundries)	Periodical	Nil,	Nil.
Workshops (Including Workshop Laundries)			
Workplaces			
Other than Out-workers Premises included in Part III. ...			

2.—DEFECTS FOUND.

Particulars.	Number of Defects			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :</i>	Nil,			
Want of cleanliness				
Want of Ventilation				
Overcrowding				
Want of drainage of floors ...				
Other Nuisances				
Sanitary accommodation { insufficient. unsuitable or defective not separate for sexes				
<i>Offences under the Factory & Workshop Act :</i>				
Illegal Occupation of underground bakehouse (S. 101)				
Breach of special sanitary require- ments for bakehouses (S.S. 97 to 100)				
Failure as regard lists of outworkers (S.107)				
Giving out work { unwholesome (S.108) to be done in pre- mises which are { infected (S.110) ...				
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S.109)				
Other offences—Defective Drains ...				

3.—OTHER MATTERS.

Class.	Number
Matters notified to H.M. Inspectors :	
Failure to affix Abstract of the Factory and Workshop Act (S.133)	Nil
Action taken in matters referred by H.M Inspectors, as remediable under the Public Health Acts, but not under the Factory Act(S.5)	
Other	
Underground Bakehouses (S.101)	None
In use at the end of the year	
Certificates granted during the year	
In use at the end of the year	
Homework :—Lists of Outworkers	None.
Lists received	
Addresses of outworkers { forwarded to other Authorities received from other Authorities	None.
<i>Homework in unwholesome or infected premises :</i>	
Notices prohibiting homework in unwholesome premises (S.108)	
Cases of Infectious disease notified in homeworkers' premises	None.
Orders prohibiting homework in infected premises (S.110)	
Workshops on the Register (S.131) at the end of the year - 40	51
Bakehouses - 11	
Total number of workshops on Register	

January February March April May June July August September October November December

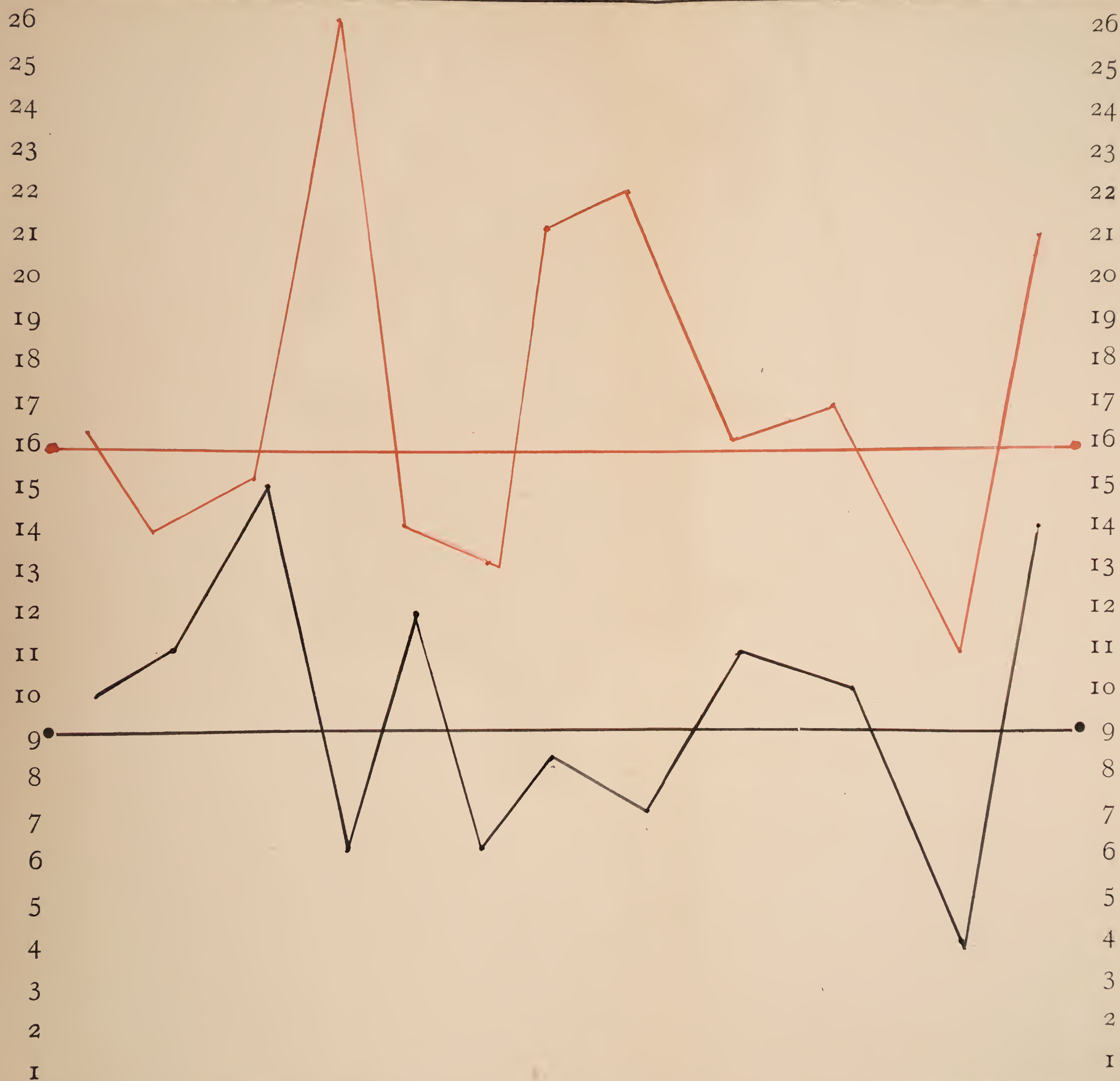


Chart of the birth and death-rates for each month of the year 1906.

The birth-rate in red.

The death-rate in black.

The horizontal red line is the birth-rate for the year.

The horizontal black line is the death rate for the year.

COUNTY OF NORTHUMBERLAND

WHITLEY AND MONKSEATON URBAN DISTRICT COUNCIL.

Annual Report

OF THE

Inspector of Nuisances,

For the Year 1906.

Annual Report of the Inspector of Nuisances.

*To the Chairman and Members of the
Whitley and Monkseaton Urban District Council.*

GENTLEMEN,

I beg to submit my Annual Report for the year ending 31st December, 1906.

Scavenging of House and Trade Refuse.—The Contractor has removed from domestic and trade premises in the district during the year a total 5,536 loads of refuse viz.—

From Ashboxes and Privy Pails	...	4,576	cart loads
„ Ashpits	... ..	336	„
„ Trade Refuse	... ..	624	rolley loads

Reckoning the house refuse at 15 cwts. and the trade refuse at 20 cwts, per load it will be noticed that an aggregate of 4308 tons of matter has been conveyed to the various depots.

See Table I.

Nuisances.—Under the Public Health Acts and District Bye-Laws preliminary notices were served upon Owners Agents and Occupiers requiring the abatement of 416 nuisances. In no case was it found necessary to take legal proceedings. For list of nuisances dealt with see *Tables 2 and 3.*

Drains.—During the year satisfactory progress has been made in having the defective drains belonging old houses relaid or repaired and brought up-to-date. In all 561 yards of these drains have been dealt with in this manner and the aggregate number of smoke and water tests applied was 163.

Slaughter Houses.—With the exception of Mr. Clementson's all the Private Slaughter Houses in the district are closed and the butchers are now using the Councils Slaughter Houses, at Hill Heads, The result of this change has been, from a sanitary point, highly satisfactory, but it is certainly unfortunate that Mr. Clementson cannot be prevailed upon to follow the excellent example set by his fellow butchers.

Dairies, Cowsheds and Milkshops.—At the end of the year there were 15 Cowkeepers and 20 Purveyors of Milk on the Register, this being the same number as last year. During the year 3 persons were registered and 3 have been struck off, At the time of my inspections the various premises were in good order, All the cowsheds being limewashed at least twice during this period.

Factories and Workshops Act 1901.—40 Workshops and 11 Bakehouses are now on the Register. There are no Factories registered and no work is given out to Homeworkers. The provisions of the Act relative to sanitation and closet accommodation have been properly carried out.

Infectious Diseases.—Under the Notification Act, 63 cases of Infectious Diseases were notified. Divided among the 4 Wards as follows: Rockcliffe 25, St. Mary's 20, Monkseaton 10, Marden 8.

3 cases of Scarlet Fever and 4 of Diphtheria were removed to the Isolation Hospital at Earsdon. 105 Rooms in 55 Houses and 4 Schools and Colleges containing 44 class rooms were disinfected following cases of Diphtheria, Scarlet Fever, Chicken-pox, Erysipelas, Phthisis and Measles.

Steam Disinfector.—I have again to remind the Council that the District is still unprovided with any apparatus for disinfecting by steam.

Petroleum Act.—Three licenses to store Petrol for sale were renewed for a period of twelve months. There were no new licenses granted. Mr. Keltie was authorised by the Council to increase the maximum quantity of Petrol to be stored upon his premises at one time, from 50 gallons to 60 gallons.

I am, Gentlemen,

Your obedient servant,

J. WALTER HARPER, A.R.San.I.

Inspector of Nuisances.

Table I.

Removal of House and Shop Refuse—Contract Price £758 16s 6d

No. of Tons of Refuse dealt with ... 4,308

	Tons	Cost.	Cost per ton	
			Year 1906	Average 1902-5.
Ashpits, Privy Pails, Dry Ash Pails and Shop Refuse	4308	£ s d. 758 16 6	s. d. 3 6½	s. d. 4 5¾

	Cwts.	Cost for year 1906	Average cost 1902-5.
		s. d.	s. d.
Per Head of Population (12,700 estimated) ...	6·7	1 2½	1 7¾
Per House (*2,621 estimated)	32·9	5 9½	7 7¾
*Approximate Number of Houses occupied. The number of Houses in the District is about 2,822.			

No. of Water Closets &c.

DESCRIPTION.	Number.
Water Closets (in houses and yards)	3033
Ashpits (two-thirds of which are combined privy ashpits) ...	69
Receptacles for Dry House Refuse	1708
Privy Pails	1106

Ashpits are emptied once a month, other receptables are emptied and trade refuse removed 3 times a week.

Table II.

A Summary of the Nuisances dealt with by notice under the Public Health Acts and Bye-Laws,

Nature of Nuisance dealt with and work required to be done	Number of nuisances.
To relay defective drains, including the provision of trapped gullies, intercepting traps, new W.C's, fittings and ventilation ...	21
To repair defective drains	15
To clear blocked Drains and Waterclosets	33
To repair defective Flushing Apparatus to W.C's.	2
To make good defective Watercloset Basins	6
To abolish foul Ashpits and Privies and substitute Waterclosets ...	1
To remove Manure and filthy rubbish	5
To repair pail privies	4
To cleanse dirty Yards and Sinks (served on occupier) ...	6
Keeping Poultry in a dirty state	2
To empty and cleanse Cesspool	2
Defective Yard Paving	2
Damp House Walls and floors	4
Defective Soil and Vent pipes repaired	14
Smoke Nuisance	1
Sanitary Pails (to provide)	259
Hatch Doors (to provide or repair)	36
Miscellaneous	3
Total	416

Table III.

*Details relating to certain work carried out in the
abatement of Nuisances during 1906.*

Defective Drains, length in yards re-constructed & made efficient	561
New Gullies provided to drains	33
New Inspection Chambers	19
New Intercepting Traps	17
'S' Traps provided to waste pipes	30
New Iron and Lead Soil and Ventilation Pipes fixed or repaired ...	15
Privies removed	1
Water Closets provided	9
Defective Watercloset Basin removed and better design substituted	6
Sanitary Pails provided	257
Drains tested with smoke and Water	39
Choked Drains—obstruction removed	33

